DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39
RIN 2120–AA64

Airworthiness Directives; Airbus Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to supersede airworthiness directives (AD) 2011–14–06 that applies to all Airbus Model A318, A319, A320, and A321 series airplanes. That AD currently requires revising the maintenance program to incorporate new limitations as necessary. This proposed AD would require revising the maintenance program to incorporate new limitations. We are proposing this AD to prevent fatigue cracking, accidental damage, or corrosion in principal structural elements, and possible failure of certain life limited parts, which could result in reduced structural integrity of the airplane.

DATES: We must receive comments on this proposed AD by September 27, 2013.

ADDRESSES: You may send comments by any of the following methods:
- Fax: (202) 481–2251.
- Hand Delivery: U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA–2013–0692; Directorate Identifier 2012–NM–024–AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on those comments.

We will post all comments we receive, without change, to http://www.regulations.gov, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

On June 24, 2011, we issued AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011). That AD required actions intended to address an unsafe condition on the products listed above.

Since we issued AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011), we have determined that more restrictive limitations are necessary. The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2012–0008, dated January 16, 2012 (referred to after this as “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

The airworthiness limitations for Airbus aeroplanes are currently published in Airworthiness Limitation Items (SL ALI) documents. The airworthiness limitations applicable to the Safe Life Airworthiness Limitation Items (SL ALI) are specified in Airbus A318/A319/A320/A321 ALS Part 1, which is approved by the European Aviation Safety Agency (EASA).

EASA AD 2006–0162 [which corresponds to FAA AD 2007–06–05, Amendment 39–1521 (72 FR 56262, October 3, 2007)] was issued to require the implementation of the instructions and airworthiness limitations as specified in Airbus A318/A319/A320/A321 ALS Part 1.

The unsafe condition is fatigue cracking, accidental damage, or corrosion in principal structural elements, and possible failure of certain life limited parts, which could result in reduced structural integrity of the airplane. The required actions include revising the maintenance program to include Airbus A318/A319/A320/A321 ALS Part 1 revision 02, approved on 13 May 2011.

The unsafe condition is fatigue cracking, accidental damage, or corrosion in principal structural elements, and possible failure of certain life limited parts, which could result in reduced structural integrity of the airplane. The required actions include revising the maintenance program to include Airbus A318/A319/A320/A321 ALS Part 4–Ageing Systems Maintenance, dated January 8, 2008. You may obtain further information by examining the MCAI in the AD docket.

Relevant Service Information

Airbus has issued A318/A319/A320/A321 ALS Part 1—Safe Life Airworthiness Limitation Items, Revision 02, dated May 13, 2011; and A318/A319/A320/A321 ALS Part 4—Ageing Systems Maintenance, dated January 8, 2008. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA’s Determination and Requirements of This Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation...
in the United States. Pursuant to our bilateral agreement with the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

This proposed AD requires revisions to certain operator maintenance documentation to include new actions. Compliance with these actions is required by section 91.403(c) of the Federal Aviation Regulations (14 CFR 91.403(c)). For airplanes that have been previously modified, altered, or repaired in the areas addressed by these inspections, an operator might not be able to accomplish the actions described in the revisions. In this situation, to comply with 14 CFR 91.403(c), the operator must request approval of an alternative method of compliance (AMOC) in accordance with the provisions of paragraph (o) of this proposed AD. The request should include a description of changes to the required inspections that will ensure the continued damage tolerance of the affected structure and the continued operational safety of the airplane.

**Differences Between This AD and the MCAI or Service Information**

Although the MCAI requires revising the maintenance program to include the incorporation of Airbus A318/A319/A320/A321 ALS Part 1—Safe Life Airworthiness Limitation Items. Revision 02, dated May 13, 2011, this AD also requires revising the maintenance program to include the incorporation of Airbus A318/A319/A320/A321 ALS Part 4—Ageing Systems Maintenance, dated January 8, 2008. This difference has been coordinated with EASA.

**Costs of Compliance**

Based on the service information, we estimate that this proposed AD would affect about 851 products of U.S. registry. The actions that are required by AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011), and retained in this proposed AD take about 1 work-hour per product, at an average labor rate of $85 per work-hour. Based on these figures, the estimated cost of the currently required actions is $85 per product.

We estimate that it would take about 1 work-hour per product to comply with the new basic requirements of this proposed AD. The average labor rate is $85 per work-hour. Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be $72,335, or $85 per product.

**Authority for This Rulemaking**

Title 49 of the United States Code specifies the FAA’s authority to issue rules on aviation safety. Title 1, section 106, describes the authority of the FAA Administrator, “Subtitle VII: Aviation Programs,” describes in more detail the scope of the Agency’s authority.

We are issuing this rulemaking under the authority described in “Subtitle VII, Part A, Subpart III, Section 44701: General requirements.” Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This proposed regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

**Regulatory Findings**

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation: 1. Is not a “significant regulatory action” under Executive Order 12866;
2. Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979);
3. Will not affect intrastate aviation in Alaska; and
4. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a regulatory evaluation of the estimated costs to comply with this proposed AD and placed it in the AD docket.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**The Proposed Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 14 CFR part 39 as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by removing airworthiness directive (AD) 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011), and adding the following new AD:

**Airbus:** Docket No. FAA–2013–0962;
Directorate Identifier 2012–NM–024–AD.

**(a) Comments Due Date**

We must receive comments by September 27, 2013.

**(b) Affected ADs**

This AD supersedes AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011).

**(c) Applicability**


**(d) Subject**

Air Transport Association (ATA) of America Code 05, Periodic inspections.

**(e) Reason**

This AD was prompted by a determination that more restrictive limitations are necessary. We are issuing this AD to prevent fatigue cracking, accidental damage, or corrosion in principal structural elements, and possible failure of certain life limited parts, which could result in reduced structural integrity of the airplane.

**(f) Compliance**

You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

**(g) Retained Revision of Airworthiness Limitations Section (ALS) To Incorporate Safe Life ALIs**


(h) Retained Grace Period for New or More Restrictive Actions


(i) Retained Revision of ALS To Incorporate Damage-Tolerant ALIs With Revised Compliance Times

This paragraph restates the requirements of paragraph (j) of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011), with changes to table 1 to paragraph (j) of this AD. For new and more restrictive tasks introduced with Airbus A318/A319/A320/A321 Airworthiness Limitation Items, Document AI/SE–M4/95A.0252/96, Issue 10, dated October 2009; or Issue 11, dated September 2010; as specified in table 1 to paragraph (j) of this AD: The initial compliance time for doing the tasks is specified in table 1 to paragraph (j) of this AD.

<table>
<thead>
<tr>
<th>Task</th>
<th>Applicability (as specified in the applicability column of the task)</th>
<th>Compliance time, whichever occurs later</th>
</tr>
</thead>
<tbody>
<tr>
<td>572050–01–1 or alternative task 572050–02–1</td>
<td>Group 19–1A and Group 19–1B airplanes.</td>
<td>At the time of the next due accomplishment of any one of the tasks 572004, 572020, or 572053 as currently described in the Airbus A318/A319/A320/A321 Airworthiness Limitation Items, Document AI/SE–M4/95A.0252/96, Issue 7, dated December 2005; Issue 8, dated March 2006; or Issue 9, dated November 2006.</td>
</tr>
<tr>
<td>572050–01–4 or alternative task 572050–02–4</td>
<td>Model A320–200 series airplanes.</td>
<td>At the time of the next due accomplishment of any one of the tasks 572004, 572020, or 572053 as currently described in the Airbus A318/A319/A320/A321 Airworthiness Limitation Items, Document AI/SE–M4/95A.0252/96, Issue 7, dated December 2005; Issue 8, dated March 2006; or Issue 9, dated November 2006.</td>
</tr>
</tbody>
</table>

Within 2,000 flight cycles or 5,500 flight hours, after August 22, 2011 (the effective date of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011)), whichever occurs first.

Within 2,000 flight cycles or 2,000 flight hours, after August 22, 2011 (the effective date of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011)), whichever occurs first.

Within 6 months after August 22, 2011 (the effective date of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011)).
### TABLE 1 TO PARAGRAPH (j) OF THIS AD—Compliance Times for Tasks—Continued

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>Compliance Time</th>
<th>Specified in Paragraph (j) of This AD: Compliance Times for Tasks—Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>572050–01–5 or alternative task 572050–02–5.</td>
<td>Group 21–1A airplanes ..........</td>
<td>At the time of the next due accomplishment of any one of the tasks 572004, 572020, or 572053 as currently described in the Airbus A318/A319/A320/A321 Airworthiness Limitation Items, Document AI/SE–M4/95A.0252/96, Issue 7, dated December 2005; Issue 08, dated March 2006; or Issue 09, dated November 2006.</td>
<td>Within 6 months after August 22, 2011 (the effective date of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011)).</td>
</tr>
<tr>
<td>572050–01–7 or alternative task 572050–02–7.</td>
<td>Model A320–100 series airplanes.</td>
<td>At the time of the next due accomplishment of any one of the tasks 572004, 572020, or 572053 as currently described in the Airbus A318/A319/A320/A321 Airworthiness Limitation Items, Document AI/SE–M4/95A.0252/96, Issue 7, dated December 2005; Issue 08, dated March 2006; or Issue 09, dated November 2006.</td>
<td>Within 6 months after August 22, 2011 (the effective date of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011)).</td>
</tr>
</tbody>
</table>

**Note 1 to table 1 to paragraph (j) of this AD:** ALI Task 572050 refers to the outer wing dry bay and is comprised of extracts from three ALI tasks, 572004, 572020, and 572053. The threshold of ALI Task 572050 for the whole dry bay area is that of the lowest threshold of the source ALI tasks, i.e., that of ALI Task 572053.

**k) Retained Limitation: No Alternative Life Limits, Inspections, or Inspection Intervals After Accomplishment of the Actions Specified in Paragraph (g) of This AD**

This paragraph restates the requirements of paragraph (l) of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011). After the actions specified in paragraph (g) of this AD have been accomplished, no alternative life limits, inspections, or inspection intervals may be used, except as provided by paragraph (h) of this AD, and except as required by paragraph (m) of this AD.

**l) Retained Limitation: No Alternative Life Limits, Inspections, or Inspection Intervals After Accomplishment of the Actions Specified in Paragraph (j) of This AD**

This paragraph restates the requirements of paragraph (m) of AD 2011–14–06, Amendment 39–16741 (76 FR 42024, July 18, 2011). After the actions specified in paragraph (i) of this AD have been accomplished, no alternative life limits, inspections, or inspection intervals may be used, except as required by paragraph (m) of this AD.

**m) New Maintenance Program Revision**

Within 30 days after the effective date of this AD, revise the maintenance program to incorporate Airbus A318/A319/A320/A321 ALS Part 1—Safe Life Airworthiness Limitation Items, Revision 02, dated May 13, 2011; and Airbus A318/A319/A320/A321 ALS Part 4—Ageing Systems Maintenance, dated January 8, 2008. The initial compliance time for the accomplishing the actions is at the applicable time specified in Airbus A318/A319/A320/A321 ALS Part 1—Safe Life Airworthiness Limitation Items, Revision 02, dated May 13, 2011; and Airbus A318/A319/A320/A321 ALS Part 4—Ageing Systems Maintenance, dated January 8, 2008.
Maintenance, dated January 8, 2008; or
within 4 months after the effective date of
this AD; whichever occurs later.

(n) New Limitation: No Alternative Actions
or Intervals

After accomplishing the revision required
by paragraph (m) of this AD, no alternative
actions (e.g., inspections) or intervals, may be
used unless the actions or intervals are
approved as an alternative method of
compliance (AMOC) in accordance with the
procedures specified in paragraph (o) of this
AD.

(o) Other FAA AD Provisions

The following provisions also apply to this
AD:

(1) Alternative Methods of Compliance
(AMOCs): The Manager, International
Branch, ANM–116, FAA, has the authority
to approve AMOCs for this AD, if requested
using the procedures found in 14 CFR 39.19.
In accordance with 14 CFR 39.19, send your
request to your principal inspector or local
Flight Standards District Office, as
appropriate. If sending information
directly to the International Branch, send it to ATTN:
Sanjay Ralhan, Aerospace Engineer,
International Branch, ANM–116, Transport
Airplane Directorate, FAA, 1601 Lind
Avenue SW., Renton, WA 98057–3356;
Information may be emailed to: 9-ANM-116-
AMOC-REQUEST@faa.gov. Before using
any approved AMOC, notify your appropriate
principal inspector, or lacking a principal
inspector, the manager of the local flight
standards district office/certificate holding
district office. The AMOC approval letter
shall include any AMOCs for the corresponding actions
approved previously in accordance with AD
9-ANM-116-AMS–M4/95A.0252/96, Issue 08, dated
March 2006.

(v) Airbus A318/A319/A320/A321
Airworthiness Limitation Items, Document
AI/SE–M4/95A.0252/96, Issue 08, dated
March 2006.

(vi) Airbus A318/A319/A320/A321
Airworthiness Limitation Items, Document
AI/SE–M4/95A.0252/96, Issue 09, dated
November 2006.

(vii) Airbus A318/A319/A320/A321
Airworthiness Limitation Items, Document
AI/SE–M4/95A.0252/96, Issue 10, dated
October 2009.

(viii) Airbus A318/A319/A320/A321
Airworthiness Limitation Items, Document
AI/SE–M4/95A.0252/96, Issue 11, dated
September 2010.

(2) For service information identified in
this AD, contact Airbus, Airworthiness
Office—EIAS, 1 Rond Point Maurice
Bellonte, 31707 Blagnac Cedex, France; telephone
+33 5 61 93 36 96; fax +33 5 61 93 44 51;
e-mail account.airworth-
eus@airbus.com; Internet http://
www.airbus.com. You may review copies of
the referenced service information at the
FAA, Transport Airplane Directorate, 1601
Lind Avenue SW., Renton, WA. For
information on the availability of this
material at the FAA, call 425–227–1221.
Issued in Renton, Washington, on August
2, 2013.

Jeffrey E. Duven,
Acting Manager, Transport Airplane
Directorate, Aircraft Certification Service.

[FR Doc. 2013–19528 Filed 8–12–13; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA–2012–1069; Directorate
Identifier 2012–NM–044–AD]

AIRWORTHINESS DIRECTIVES; THE BOEING COMPANY AIRPLANES

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Supplemental notice of proposed rulemaking (NPRM);
reopening of comment period.

SUMMARY: We are revising an earlier
proposed airworthiness directive (AD),
for all The Boeing Company Model 727
airplanes, which proposed to supersede
an existing AD. That NPRM proposed to
retain repetitive inspections of the in-
tank fuel boost pump wiring, installation of sleeving over the in-tank
fuel boost pump wires, repetitive
inspections of a certain electrical wire,
sleeve, and conduit, and applicable
investigative and corrective actions; and
repetitive engine fuel suction feed
operational tests. That NPRM proposed to
also require replacement of the wire
bundles for the wing and center fuel
boost pumps, installation of convoluted
liners, and related investigative and
corrective actions if necessary. That
NPRM also proposed to require
replacement of the fuel quantity
indicating system (FQIS) wires; a low-
frequency eddy current inspection for
cracking; and repair if necessary. That
NPRM also proposed to require revising
the maintenance program to incorporate
changes to the airworthiness limitations
section. That NPRM was prompted by a
report of damage found to the sleeve,
jacket, and insulation on an electrical
wire during a repetitive inspection. This
action revises that NPRM by revising
certain compliance times, specifying a
terminating action, and adding a
proposed requirement to incorporate
another change to the airworthiness
limitations section. We are proposing
this supplemental NPRM to prevent
chafing of the fuel boost pump electrical
wiring and leakage of fuel into the
conduit, and to prevent electrical arcing
between the wiring and the surrounding
conduit, which could result in arc-
through of the conduit, and consequent
fire or explosion of the fuel tank. Since
these actions impose an additional
burden over that proposed in the NPRM,
we are reopening the comment period
to allow the public the chance to comment
on these proposed changes.

DATES: We must receive comments on
this supplemental NPRM by September
27, 2013.

ADDRESSES: You may send comments,
using the procedures found in 14 CFR
11.43 and 11.45, by any of the following
methods:

• Federal eRulemaking Portal: Go to:
http://www.regulations.gov. Follow the
instructions for submitting comments.
Mail: U.S. Department of
Transportation, Docket Operations, M–
30, West Building Ground Floor, Room
W12–140, 1200 New Jersey Avenue SE.,
Washington, DC 20590.
Hand Delivery: U.S. Department of
Transportation, Docket Operations, M–
30, West Building Ground Floor, Room
W12–140, 1200 New Jersey Avenue SE.,
Washington, DC 20590, between 9 a.m.
and 5 p.m., Monday through Friday,
except Federal holidays.

For service information identified in
this AD, contact Boeing Commercial
Airplanes, Attention: Data & Services
Management, P.O. Box 3707, MC 2H–65,
Seattle, WA 98124–2207; telephone
206–544–5000, extension 1; fax 206–
766–5680; Internet https://
www.myboeingfleet.com. You may
review copies of the referenced service
information at the FAA, Transport